

Expression of Nogo isoforms in vascular cells

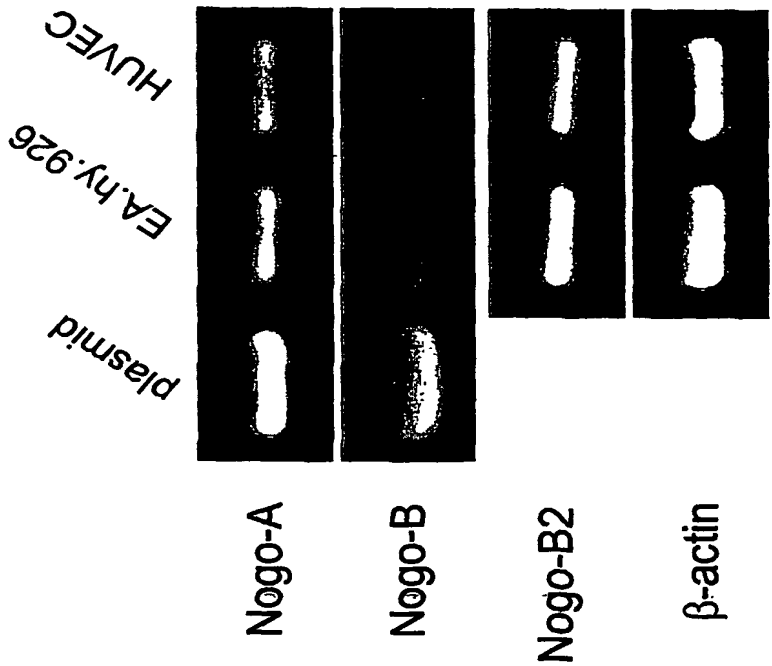


Figure 1

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Expression of Nogo isoforms in vascular cells

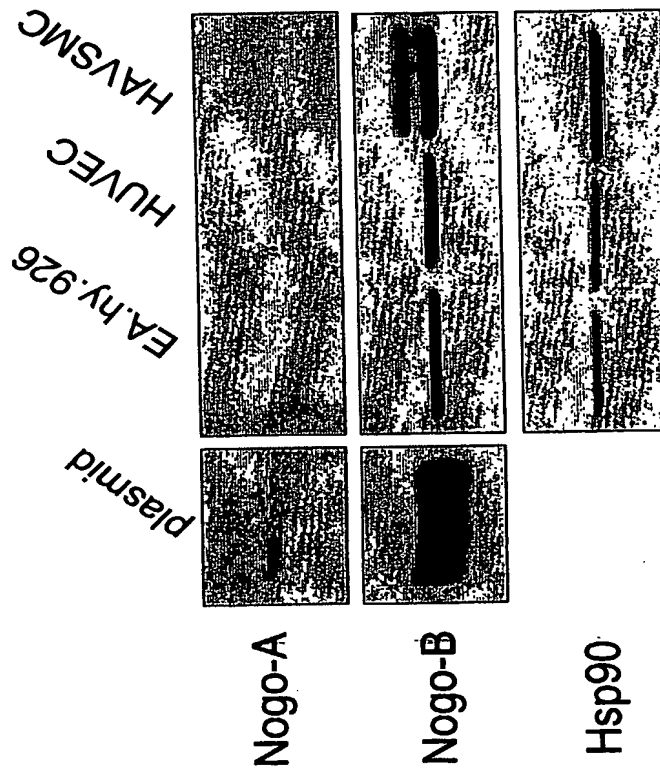


Figure 2

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Am-Nogo-B enhances endothelial cell spreading

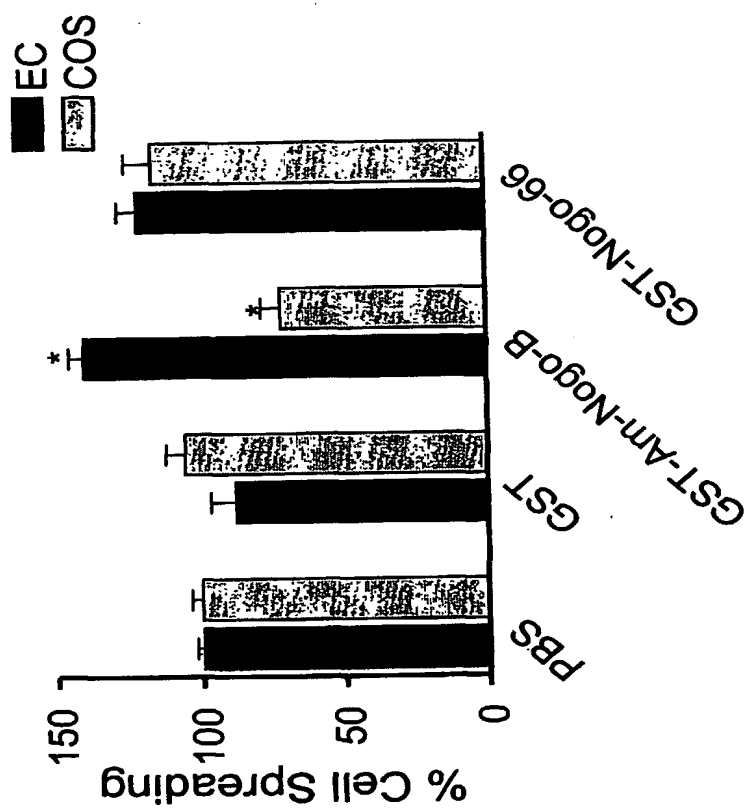


Figure 3

Am-Nogo-B enhances endothelial cell adhesion

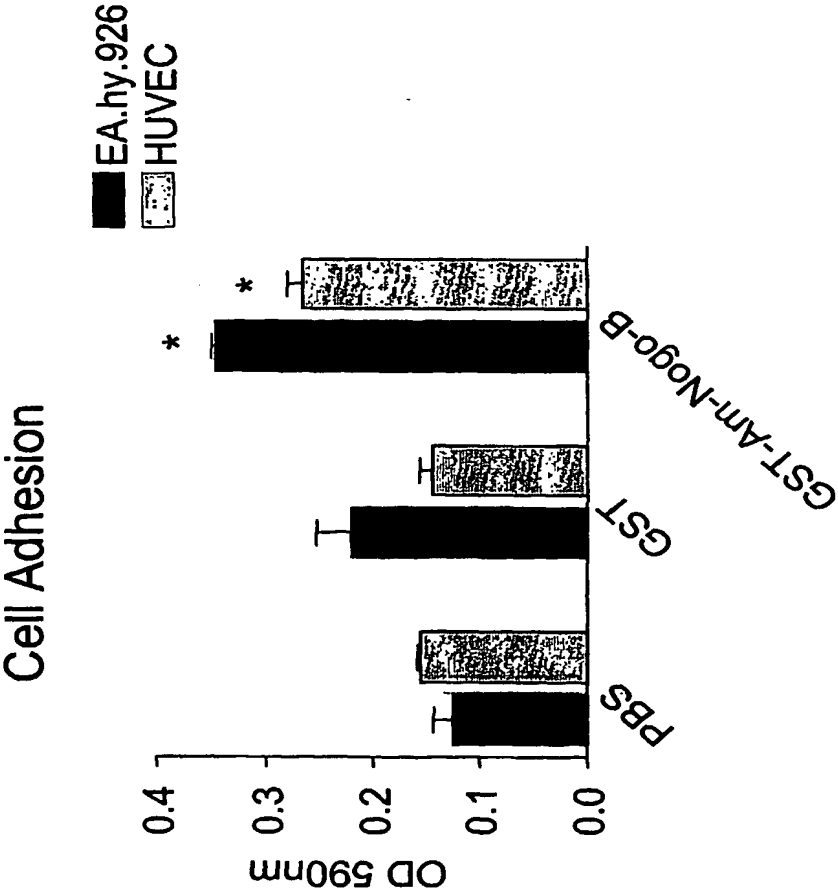


Figure 4

Am-Nogo-B enhances vascular cell adhesion

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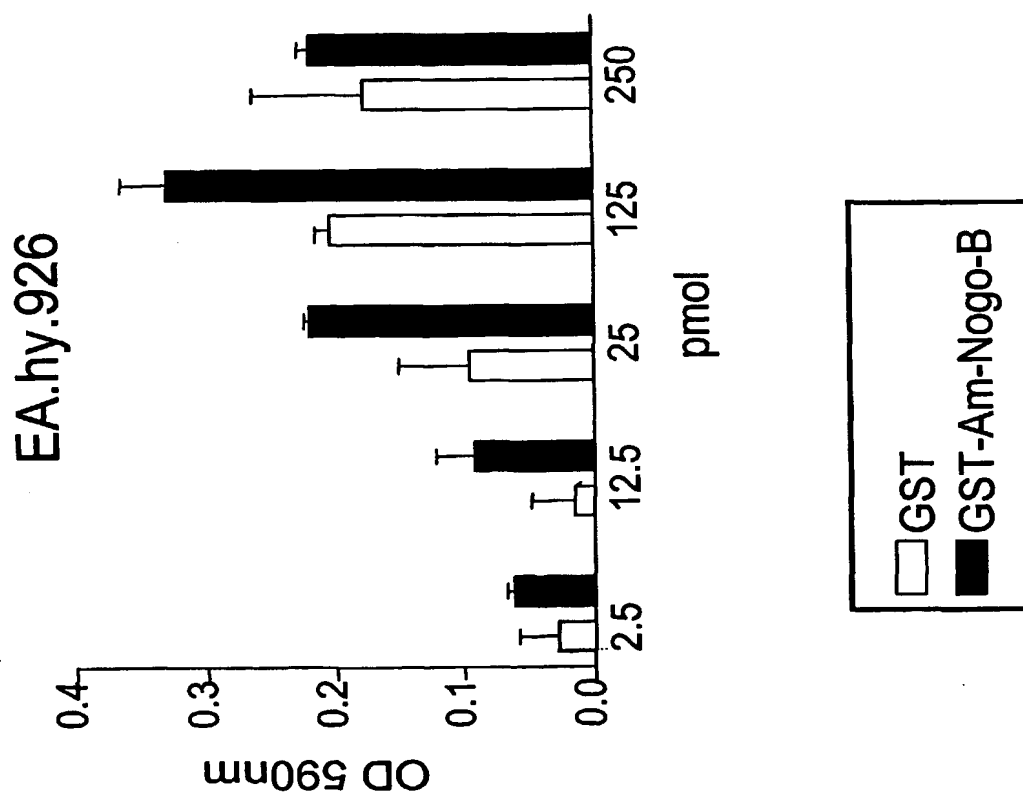


Figure 5

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Am-Nogo-B enhances HUVEC migration

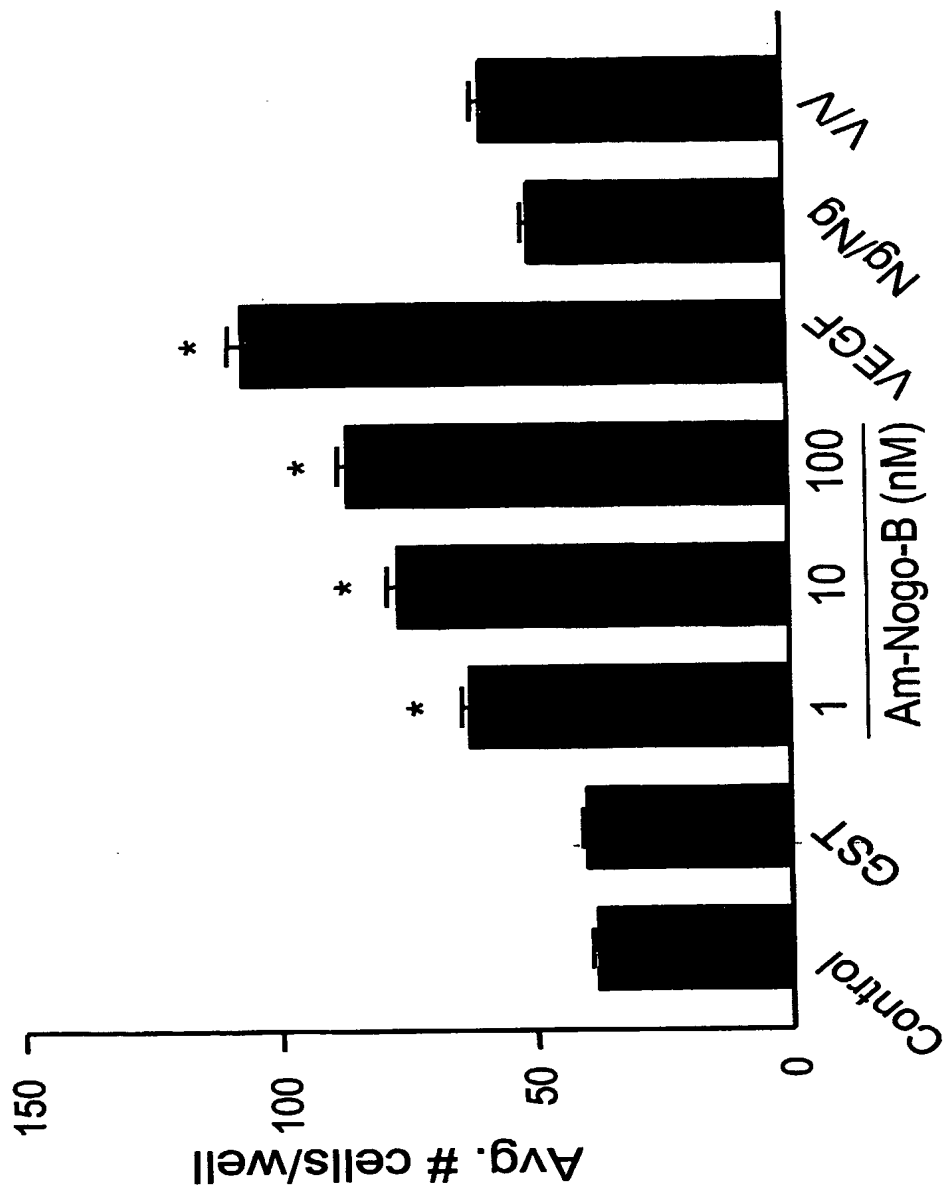


Figure 6

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Expression of Nogo isoforms in blood vessels

RT-PCR

Brain
Femoral Artery
Carotid Artery
Thoracic Aorta
Abdominal Aorta

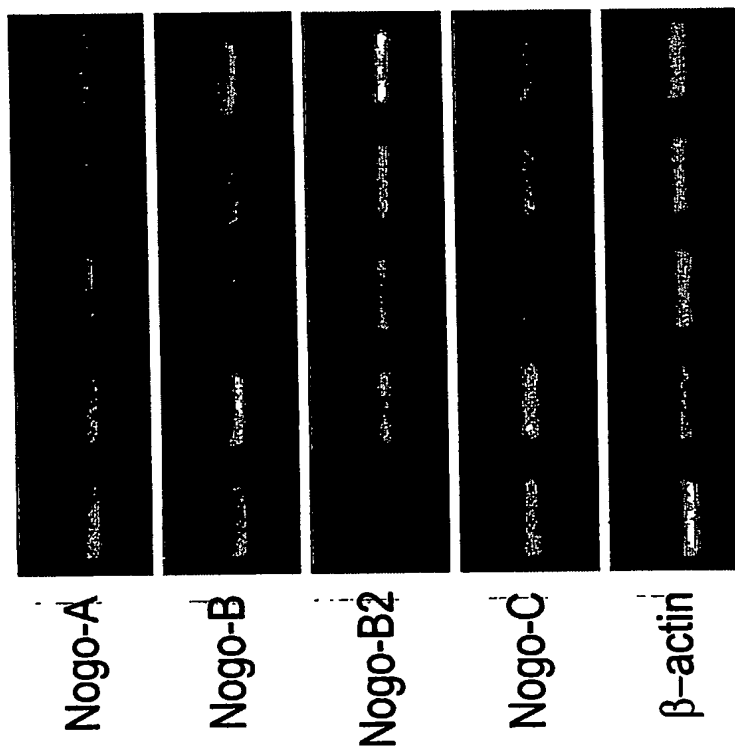


Figure 7

Expression of Nogo isoforms in blood vessels

Western Blot Analysis

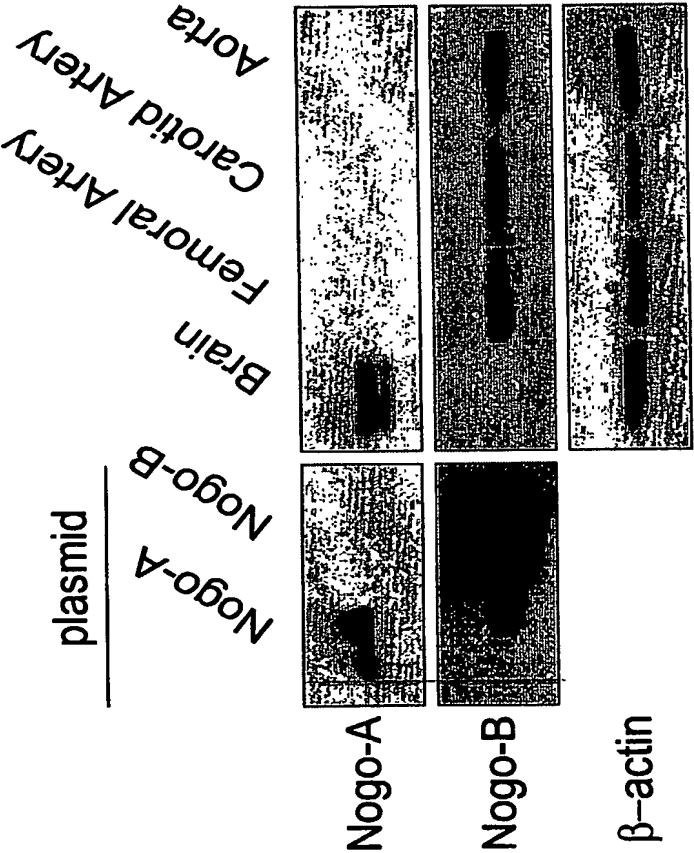


Figure 8

Expression of Nogo-A and Nogo-B protein in Nogo-A/B (-/-) mice

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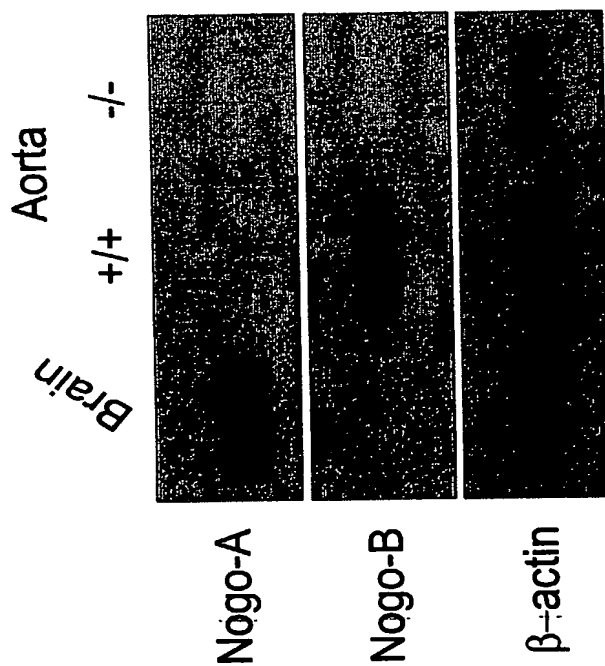


Figure 9

Nogo expression decreases after injury and by 21 days is almost completely gone from vessel wall

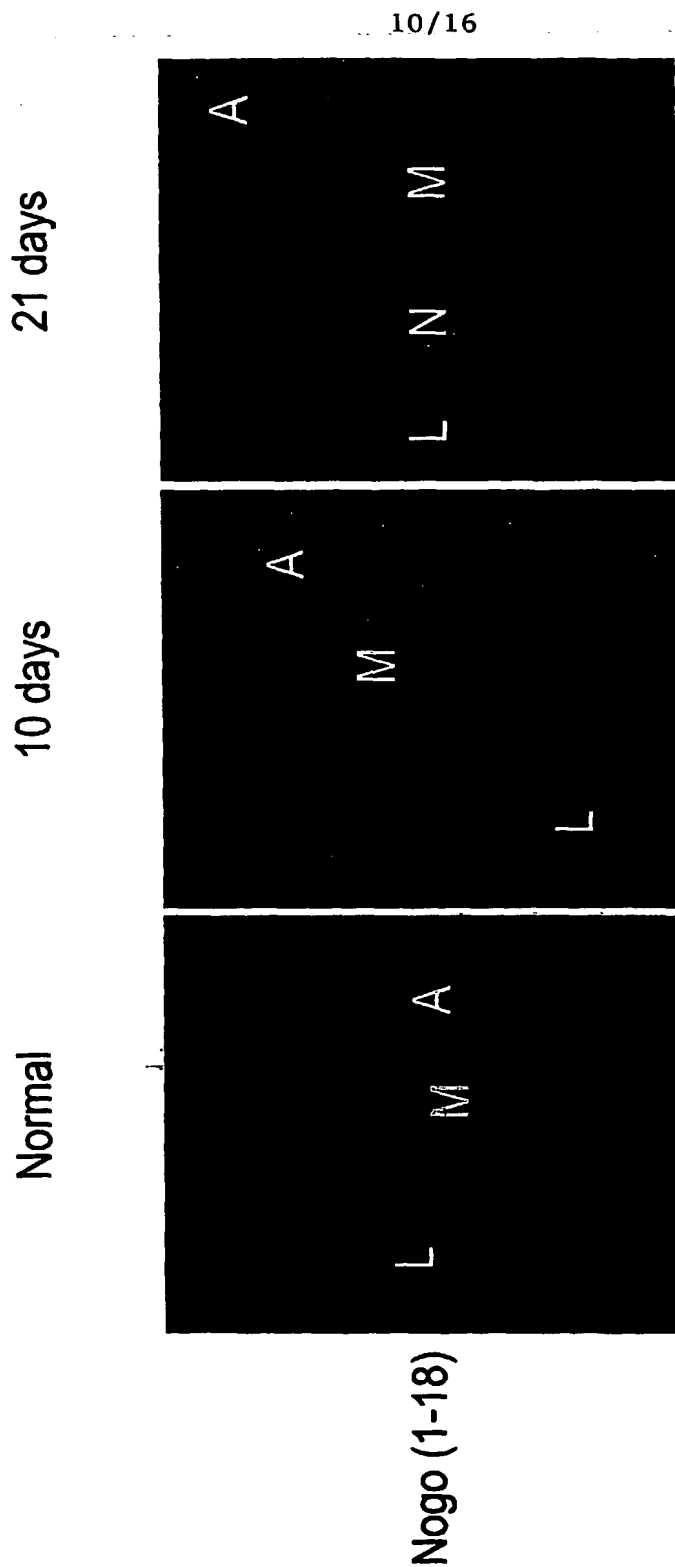


Figure 10

Loss of Nogo-B Promotes Pathological Inward Remodeling

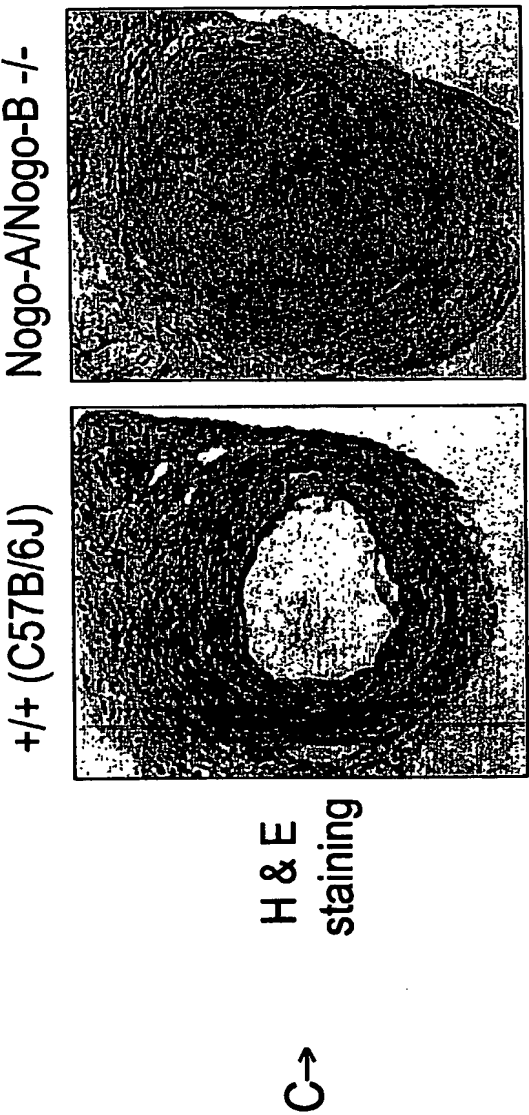
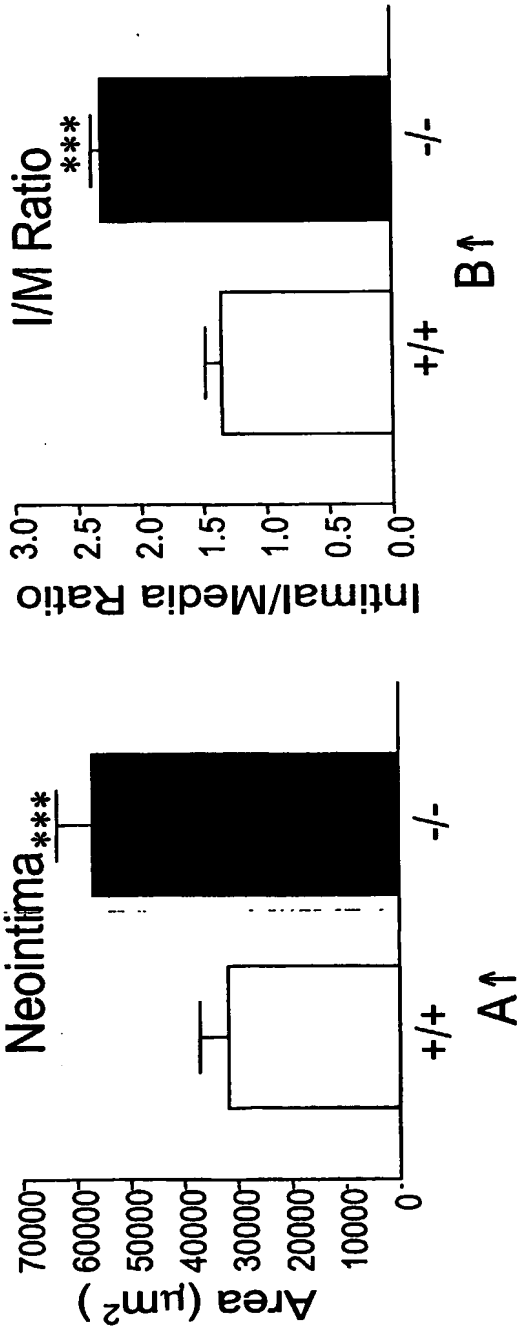
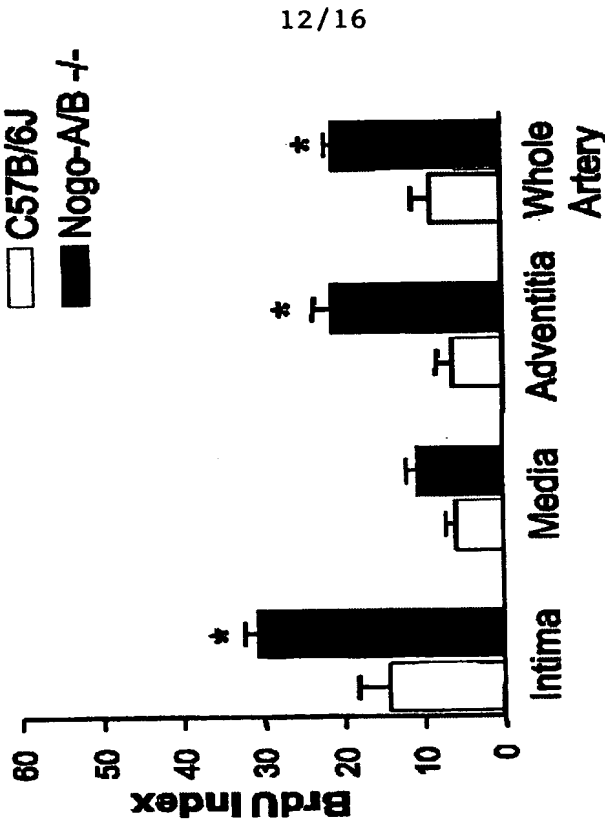
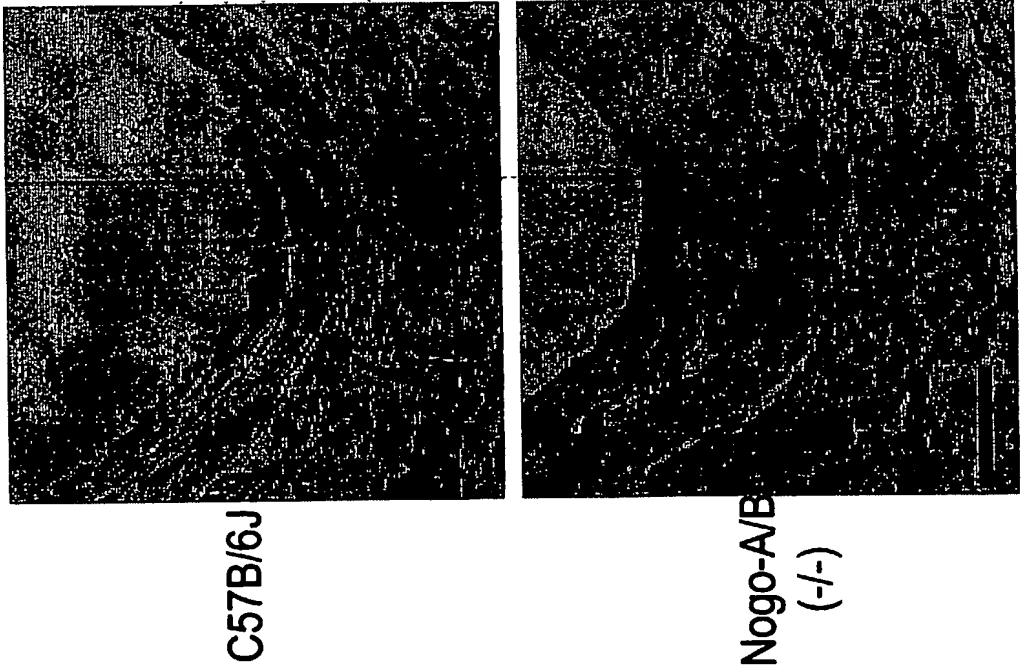


Figure 11

Nogo-A/B (-/-) mice show enhanced cellular proliferation two weeks after injury



B

A

Figure 12

Ad-Nogo-B decreases neointimal expansion in wild-type mice

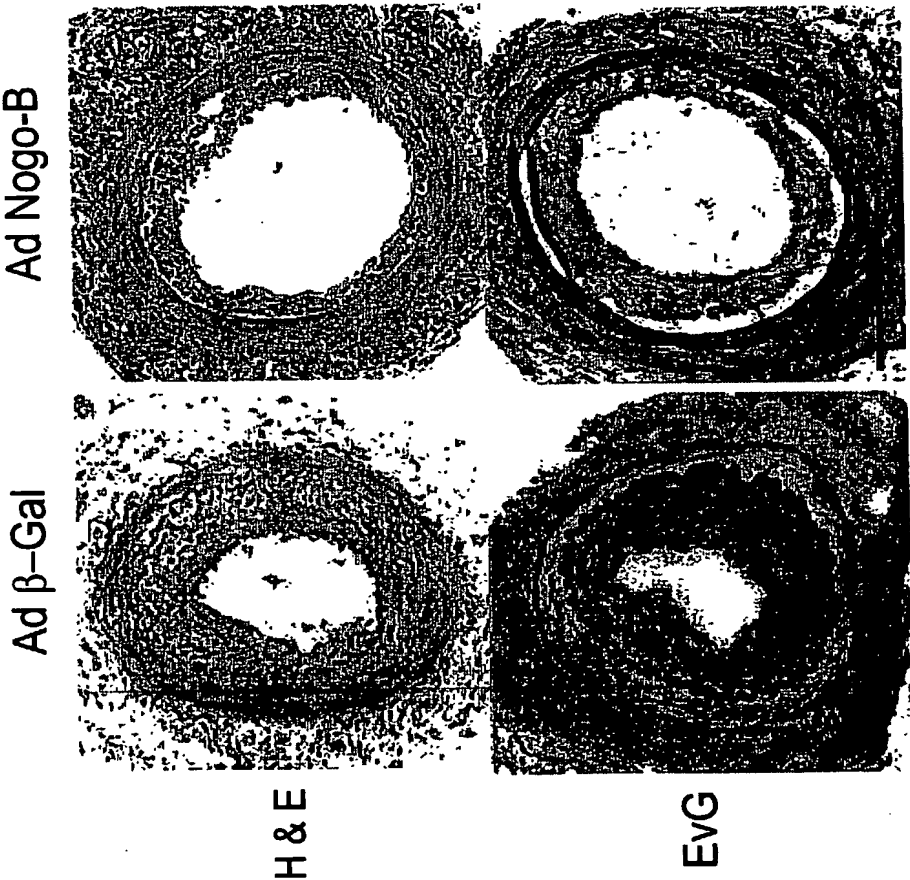
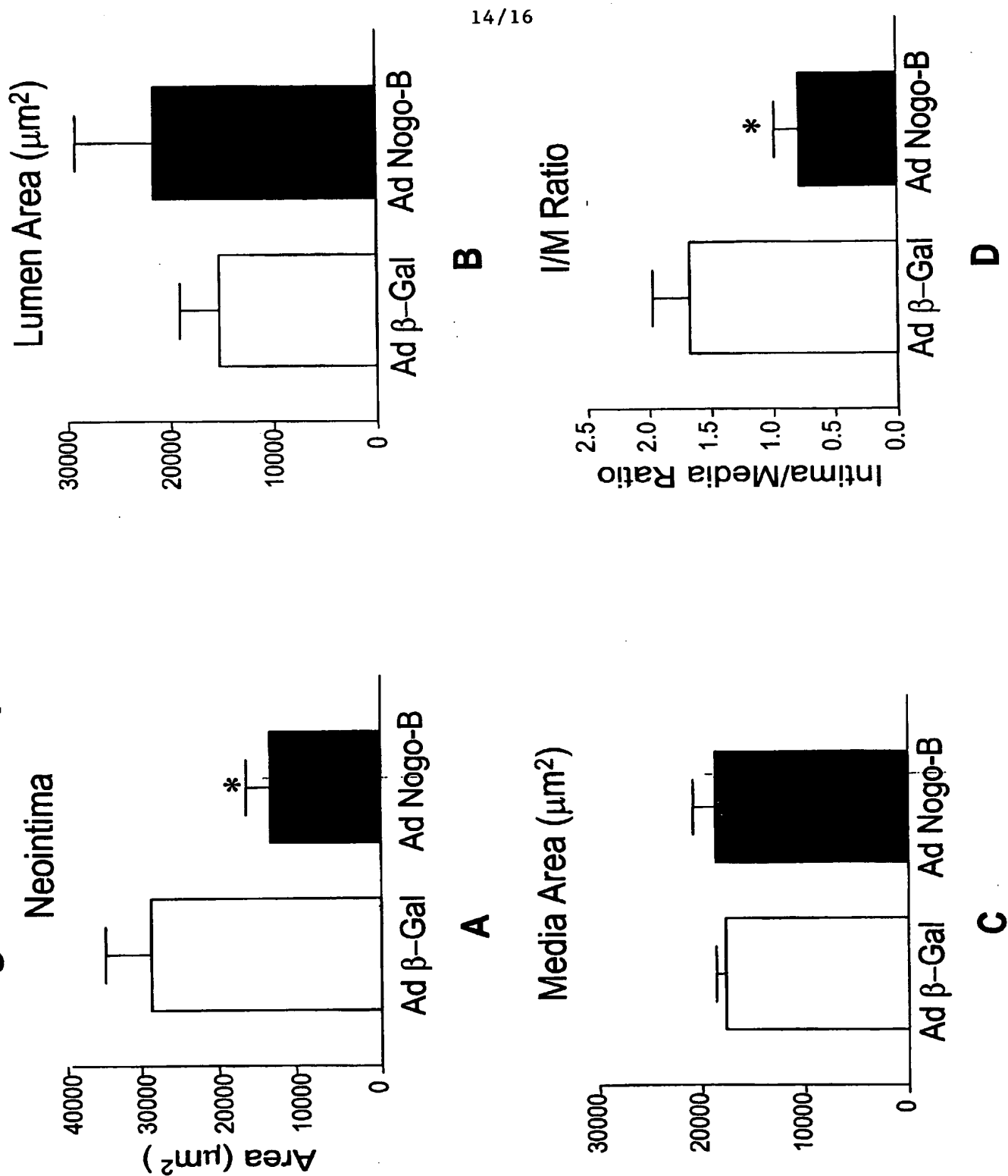
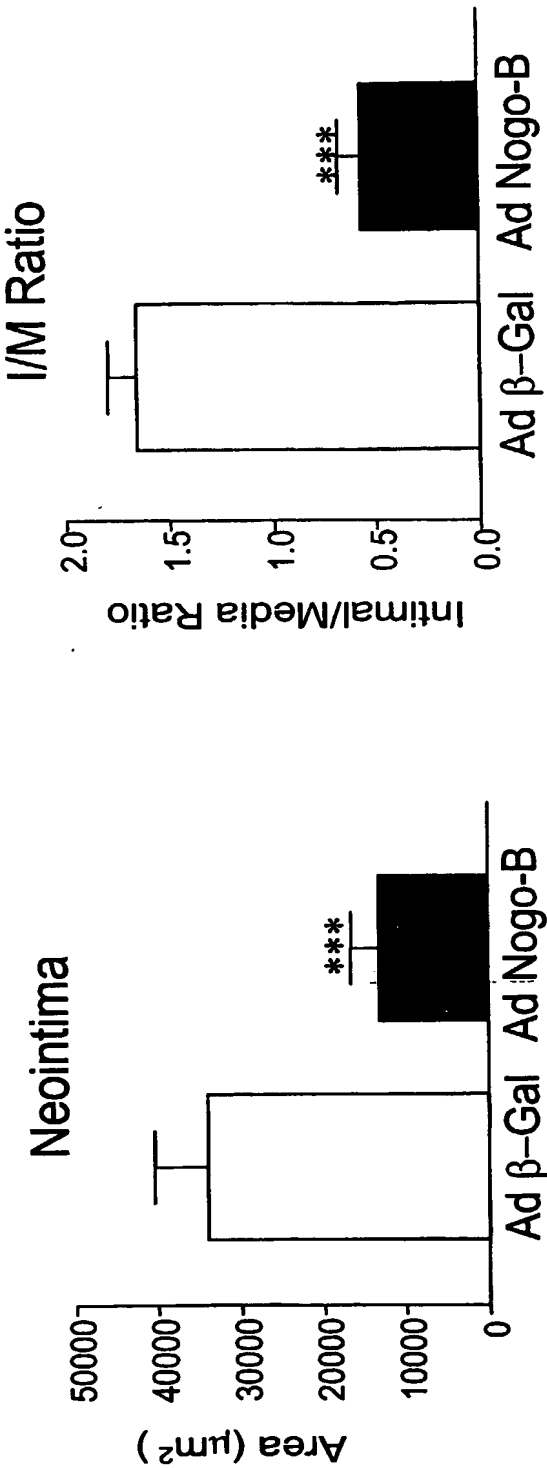


Figure 13

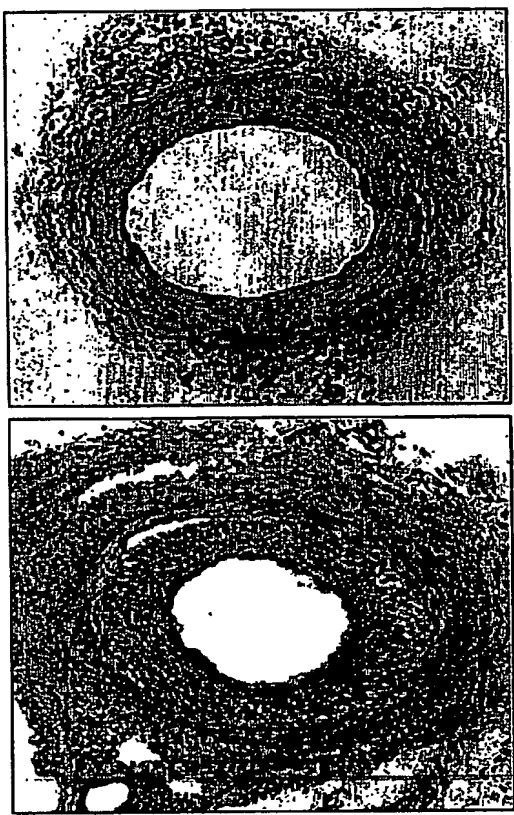
Figure 14: Morphometry measurements



Ad-Nogo-B-HA rescues abnormal neointima formation



A ↑



C → H & E

Figure 15

Hindlimb Ischemia in Nogo-A/B (-/-) Knockout Mice

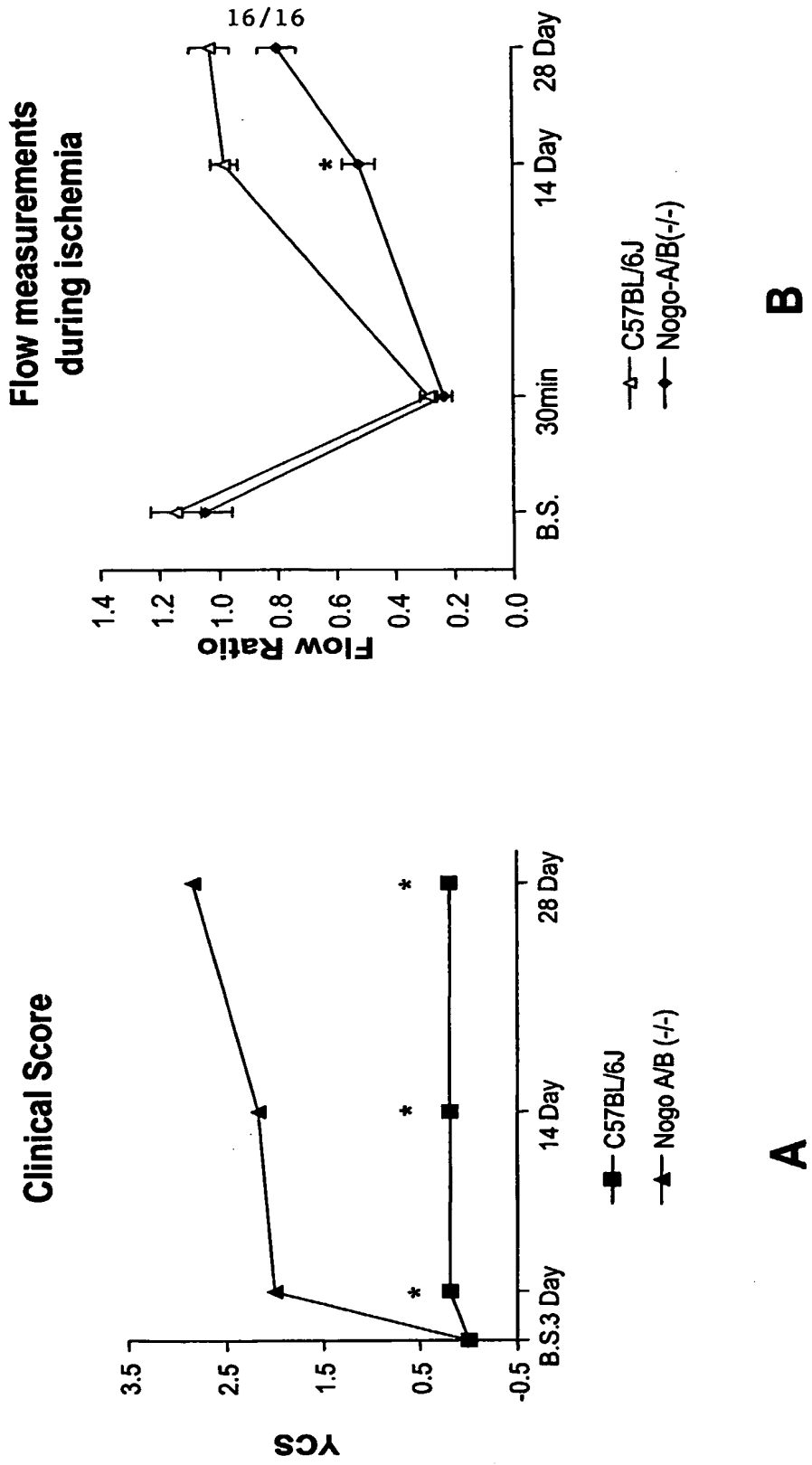


Figure 16